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APPLICATION NO. FILING DATE		LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/429,869 10/29/1999		10/29/1999	PAUL P. CASTRUCCI	910LMC	6432	
27769	7590	12/23/2003		EXAMINER		
AKC PAT			MAI, ANH D			
215 GROV NEWTON,		56		ART UNIT PAPER NUMBER		
,				2814		

DATE MAILED: 12/23/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

		A!!4!	NI-	A 11 4/>						
		Applicati	on No.	Applicant(s)						
		09/429,8	69	CASTRUCCI, PAUL	P.					
	Office Action Summary	Examine	r	Art Unit						
		Anh D. M	ai	2814						
The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply										
	ORTENED STATUTORY PERIOD FOR RE	PI V IS SET 1	O EXPIRE 30days MC	NTH(S) FROM						
THE - Exte after - If the - If NC - Failu - Any	MAILING DATE OF THIS COMMUNICATIOnsions of time may be available under the provisions of 37 CFI SIX (6) MONTHS from the mailing date of this communication experied for reply specified above is less than thirty (30) days, at period for reply is specified above, the maximum statutory peure to reply within the set or extended period for reply will, by streety received by the Office later than three months after the med patent term adjustment. See 37 CFR 1.704(b).	ON. R 1.136(a). In no ev n. a reply within the sta eriod will apply and w tatute, cause the app	ent, however, may a reply be ting tutory minimum of thirty (30) day rill expire SIX (6) MONTHS from plication to become ABANDONE	mely filed ys will be considered timely. n the mailing date of this comi ED (35 U.S.C. § 133).	munication.					
Status										
1)⊠	Responsive to communication(s) filed on $\underline{1}$	5 October 200	<u>03</u> .							
2a)□	This action is FINAL . 2b) ☐ T	This action is n	on-final.							
3)	Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213.									
Disposit	ion of Claims									
4)🖂	Claim(s) <u>2-5,8-19,29-32,34,37-44 and 46-71</u> is/are pending in the application.									
	4a) Of the above claim(s) <u>34 and 64</u> is/are withdrawn from consideration.									
5)□	Claim(s) is/are allowed.									
6)	Claim(s) is/are rejected.									
7)										
8)🖂	Claim(s) <u>2-5,8-19,29-32,37-44,46-63 and 6</u>	<u>65-71</u> are subj	ect to restriction and/o	r election requiremer	ıt.					
Applicat	ion Papers									
9)[The specification is objected to by the Exan	miner.								
10)[I0)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.									
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).									
_	Replacement drawing sheel(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).									
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.										
Priority	under 35 U.S.C. §§ 119 and 120									
a) * (Acknowledgment is made of a claim for for All b) Some * c) None of: 1. Certified copies of the priority docum 2. Certified copies of the priority docum 3. Copies of the certified copies of the application from the International Bu See the attached detailed Office action for a	nents have been ents have been priority docum ireau (PCT Ru list of the cert	en received. en received in Applicat ents have been receiv le 17.2(a)). ified copies not receiv	tion No red in this National St						
s 3	Acknowledgment is made of a claim for dom ince a specific reference was included in the 17 CFR 1.78. a) The translation of the foreign language	e first sentence	e of the specification of	or in an Application D						
	14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.									
Attachmer	nt(s)									
1) Notice 2) Notice	ce of References Cited (PTO-892) ce of Draftsperson's Patent Drawing Review (PTO-948 mation Disclosure Statement(s) (PTO-1449) Paper No			y (PTO-413) Paper No(s). Patent Application (PTO-1						

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 2-5, 8-19, 37-44 and 46-63, Group IA, drawn to method of processing a substrate, classified in class 134, subclass 1⁺.
 - II. Claims 29-32, Group IB, drawn to a method for removing contaminant particles, classified in class 134, subclass 1⁺.
 - III. Claims 65-71, Group IC, drawn to method of removing contaminant particles, classified in class 134, subclass 1⁺.

The inventions are distinct, each from the other because of the following reasons:

- 2. Inventions Group IA and IB are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the multiple processing chamber do not require the utility of a cleaning chamber utilizing light. The subcombination has separate utility such as cleaning wafers for a semiconductor fabrication which is utilizing multitude of single chambers process.
- 3. Inventions Group IA and IC are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant

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case, the combination as claimed does not require the particulars of the subcombination as claimed because the multiple processing chamber do not require the utility of a cleaning chamber utilizing light in the present of a sacrificial layer. The subcombination has separate utility such as cleaning wafers for a semiconductor fabrication which is utilizing multitude of single chambers process.

- 4. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 5. Applicant is advised that the reply to this requirement to be complete must include an election of the invention to be examined even though the requirement be traversed (37 CFR 1.143).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anh D. Mai whose telephone number is (703) 305-0575. The examiner can normally be reached on 8:30AM-5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wael Fahmy can be reached on (703) 308-4918. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Macdy A.M.

December 17, 2003